DNV·GL

Certificate No:
MEDD000018Y

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Quality System for the products

with type designation(s) as specified in the Appendix to this Certificate

Issued to

Karl Dose GmbH
Hamburg, Germany

is found to comply with the applicable requirements.
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2017/306.

This Certificate is valid until **2022-11-12**.

Issued at **Hamburg** on **2017-11-13**

DNV GL local station:
Hamburg

Approval Engineer:
Didier Girardin

Notified Body
No.: **0098**

for **DNV GL SE**

Sven Dudszus
Head of Notified Body

The manufacturer is allowed to affix the U.S. Coast Guard approval number(s) as stated in the appendix attached hereto and as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004.

0098/yyyy

0098: Notified Body number undertaking quality surveillance
yyyy: The year in which the mark is affixed

The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate authorizes the manufacturer in conjunction with the valid EC Type Examination (Module B) Certificate(s) of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein.
This certificate loses its validity if the manufacturer makes any changes to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
The Manufacturer has to apply for periodical audits to verify the maintenance and application of the quality system every 12 months.

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APPENDIX

Item no. MED/1.38 Searchlights for use in Lifeboats and Rescue Boats

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Watertight searchlight[1]	8670110 HH	2020-02-03	0098	N/A

Item no. MED/3.26a Penetrations through "A" class divisions: electric cable transits

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Thick-walled tube-cable gland of steel, welding type, for cable penetrations in class "A" bulkheads and decks[1]	8644009 HH	2019-11-24	0098	164.138/EC0098/8644009

Item no. MED/4.52 Daylight signalling lamp

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Daylight Signalling Light HSL & HSL LED[1]	MEDB0000352	2022-11-12	0098	N/A

Places of production

1.Karl Dose GmbH, Försterweg 77, Hamburg, Germany